

Docket No. 217 – Development and Management Plan Inspection

Northeast Utilities Service Company Certificate of Environmental Compatibility and Public Need for the construction of a 345-kV electric transmission line and reconstruction of an existing 115-kV electric transmission line between Connecticut Light and Power Company's Plumtree Substation in Bethel, through the towns of Redding, Weston, and Wilton, and to the Norwalk Substation in Norwalk, Connecticut.

Date: January 4, 2006

Inspector: Diana Walden

Location: 115 kV Underground Route

Storm/

Rain Event: Approximately 1.34" of precipitation fell mostly in the form of snow in the north and rain in the south on 1/2-1/3 as reported by NOAA.

Areas of Inspection	Observation	Recommended Action
Vault Openings and Trench Construction	- Bethel Educational Park: No active work was present. 1/4/06	-See erosion control section for specifics. 1/4/06
	- Hoyts Hill Transition Structure: No work at this time. 1/4/06	- None at this time. 1/4/06
Gallows Hill Road and Rt. 107, Redding	- The storage area near the Rt. 107 turn had been graded and placed with topsoil but we have recommendations here. 12/22-1/4/06	- See additional sections for more information. 12/22-1/4/06
Rt. 58, Bethel	-Similar grading/topsoil work had been completed at Sunset Hill Rd. storage. 12/22-1/4/06	- See additional sections for recommendations. 12/22-1/4/06
Broad Street/ROW, Norwalk	- A few materials were left behind along the side of the roadway but most areas were mulched prior to snow cover. 12/22-1/4/06	-General cleanup should be performed and the road surface is still fairly rough. 12/14-1/4/06
	- Scaffolding and shroud work was ongoing at the structure near the substation. 12/22-1/4/06	- None at this time. 1/4/06
Main Ave. / Rt. 7, Norwalk	-115kV work associated with the structure at Norwalk Junction continues. Scaffolding and shrouding is in place. 11/4/06	- Coordinate snow plowing issues (when necessary) with other contractors . 12/14-1/4/06

Areas of Inspection	Observation	Recommended Action
Erosion and Sediment Controls (includes inspection within 24 hours of a storm event)	- Both portions of the ROW remain rutted under the snow cover. 12/1-1/4/06	-Some mulch should be placed on ruts when access needs are complete. Snow and thaw periods are now a factor.12/8-1/4/06
Bethel Educational Park	-The small, typical washout/gully areas remain on both portions. 12/8-1/4/06	
Hoyts Hill Riser Transition Structure (Off Rt. 58)	- This site is complete but equipment access had created additional ruts along the sides of the drive in the mud. 11/23-1/4/06	-Check status in the spring. Provide mulch if necessary. 1/4/06
Route 58	- A few areas of bare soil had remained around some of the recently accessed vaults but are now snow covered.1/4/06	-Continue to restore the edge of roadway in the spring if necessary. 1/4/06
	- Previous snow plowing at the Putnam Park storage area created some issues as sediment laden snow was pushed beyond the controls towards the stream. 12/14-1/4/06 Snow cover had returned and was not plowed but previous issues remained. 1/4/06	-Pull back snow piles from the wetlands and repair the silt fence. Future plowing should be done with care. Toed-in perimeter fence or haybales should remain at this site until the growing season at this point. 12/14-1/4/06
	-The Sunset Hill Rd. storage area was snow covered once again but previous issues remain. 1/4/06 Topsoil was pushed into the wetland swale at the yard's edge during restoration and erosion controls are not yet in place. 12/22-1/4/06	- There will be no chance of vegetative stabilization until the growing season, we recommend that that silt fence or haybales remain here- or the area should be well mulched as soon as there is snow melt. Soil should be shoveled out of the swale if feasible. 12/22-1/4/06
Gallows Hill Road	-The area is well stabilized. 1/4/06	- None at this time 1/4/06
Rt. 107 (Lonetown Rd)	- The storage area south of the 90 degree turn on Rt. 107 was snow covered again. No erosion was previously noted but we recommend that erosion controls be reinstalled due to the more extensive area of disturbed soil and potential for run-off. 12/22-1/4/06	- Since there will be no chance of vegetative stabilization until the growing season, we recommend that that toed in silt fence or haybales remain here or the area should be well mulched immediately due to the wetland area at the base of the slope. 12/22-1/4/06

Areas of Inspection	Observation	Recommended Action
Broad Street and ROW, Norwalk	<ul style="list-style-type: none"> - A disturbed area near the cemetery could use some mulch if feasible. 12/8-1/4/06 - The ROW was muddy and could use some repairs to silt fence if active work returns. 1/4/06 	<ul style="list-style-type: none"> - Leftover materials should also be picked up. 12/14-1/4/06 - Silt fence could use repairs if active work returns. 1/4/06
Main Ave/ Rt. 7, Norwalk	<ul style="list-style-type: none"> -Portions of the silt fence at Norwalk Junction were strained as a result of snow plowing here. 12/14-1/4/06 	<ul style="list-style-type: none"> -Coordinate any snow plowing needs with other contractors at Norwalk Junction. Snow should not be piled over/against the silt fence. 12/14-1/4/06
Soils	<ul style="list-style-type: none"> -Clean process remains in one pile at the Putnam Park storage area. Clean soil was spread at the Rt. 107 and Sunset Hill storage areas. 12/22-1/4/06 	<ul style="list-style-type: none"> - All soils appear to be handled appropriately. 12/22-1/4/06
Adjacent Wetlands and Waterways	<ul style="list-style-type: none"> -The stream near Sara's Way off Rt. 58 remains clear and banks are free from erosion. 1/4/06 - A small stream crossing near Putnam Park at a vault also remains clear at this time. 11/23-1/4/06 	<ul style="list-style-type: none"> - None at this time. Continue to monitor for final vegetative stabilization. 1/4/06 - Provide restoration in the spring if necessary. 1/4/06
Staging, Storage, and Parking Areas	<ul style="list-style-type: none"> - At the storage area off Rt. 58 near Putnam Park controls were pushed over by sediment laden snow plow piles in some locations. 12/14-1/4/06 - The Sunset Hill Rd. and Rt. 107 storage yards have been graded and placed with topsoil and are no longer in use. However, the amount of disturbed soil left behind warrants additional attention. 12/22-1/4/06 	<ul style="list-style-type: none"> -Snow needs to be pulled back and erosion controls repaired. Retain the silt fence here due to the proximity of the pond. 12/14-1/4/06 - Since disturbed soil remains and there is no chance of re-vegetation until the growing season, we recommend haybales or other erosion controls. The areas were not mulched prior to pulling the silt fence. 1/4/06
State species of concern, threatened and endangered species	<ul style="list-style-type: none"> - No species of concern are located in the areas of construction. 	<ul style="list-style-type: none"> - N/A

Areas of Inspection	Observation	Recommended Action
Vegetative clearing limits (including trees to save or danger trees noted)	- Any bare or rut areas should be re-restored when feasible although snow cover will now be a factor. 12/8-1/4/06	-Restore within D&M timelines. 1/4/06.
Dewatering	- Dewatering does not appear to be necessary any longer. 1/4/06	-None at this time. 1/4/06
Blasting	- No blasting is occurring in any areas at this time.	- None at this time.
Spills and Material Storage	- A report of any leaks or spills that reach the ground and occur during the week should be provided to BSC from internal project inspectors 6/15-1/4/06	- Continue to keep all vehicles maintained well (i.e. no apparent fluid leaks) if they will be used or stored on site. Check equipment status on a regular basis and keep spill kits on hand. Report spills immediately, even if they are being controlled. - The contractors should remain vigilant about securing and handling fuel and material containers. - Equipment and materials should not be stored in wooded areas unless it is designated for storage.

Next likely scheduled inspection:

Thursday, January 12, 2006

I have personally examined and am familiar with the information submitted in this document and all attachments and certify that based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief, and I understand that any false statements made in this document or its attachments may be punishable as a criminal offense in accordance with Section 22a-6 under Section 53a-157 of the Connecticut General Statutes.

Inspector's Signature:

Diana Walden



115kV (ROW and Norwalk Junction): Photo on the left shows a view of the structure adjacent to the Norwalk substation. Photo on the right shows a view of the structure at Norwalk Junction. Active work was ongoing and scaffolding and shrouds were present at both. 1/4/06



115kV (Rt. 107): Photo on the left shows the Redding Country Club storage area which has not been used for some time. Photo on the right shows the Rt. 107 turn storage area where snow cover has returned. Erosion controls are still necessary as a proactive measure. 1/4/06



115kV (Rt.58). Photo on the left shows the Putman Park storage area with snow cover. Previous snow plow issues over the silt fence remain. Photo on the right shows a view of the Sunset Hill Rd. storage area. Erosion controls are still needed here as a proactive measure. 1/4/06



115kV (Hoyts Hill and Bethel Ed) Work is inactive at both locations. Some restoration will likely be necessary in the spring, especially to repair ruts along the ROW at the school. 1/4/06